

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Cancelled)
2. (Cancelled)
3. (Currently amended) A The method of molding defined in claim 33 comprising the steps of:
 - a) placing a substrate to be encapsulated onto at least one vacuum head, while vacuum is being applied to said at least one vacuum head, said at least one vacuum head mounted to a mold base mounted on a movable mold platen, thereby holding said substrate in position on said mold base;
 - b) operating a door platen which is fixable in a fixed relationship with said movable mold platen to rotate said door platen to its closed position in a facing relationship with said movable mold platen;
 - c) fixing said door platen in said closed position;
 - d) moving said movable mold platen to a position adjacent said closed position of said door platen, thereby creating a mold cavity;
 - e) introducing a desired molding material into said mold cavity.

4. (Cancelled)

5. (Cancelled)

6. (Currently amended) The method defined in claim 5 33, wherein said frame member, having said movable mold platen~~[[,]]~~ and said fixable door platen affixed thereto, ~~are~~ is easily transportable from one location to another location.

7. (Cancelled)

8. (Cancelled)

9. (Currently amended) The method of claim 8 33, wherein said substrate is a sheet material.

10. (Currently amended) The method of claim 8 9, wherein said substrate is a sheet of glass.

11-17. (Cancelled)

18. (Currently amended) The method of claim ~~[[15]]~~ 33, wherein said door platen and said movable platen are in a 180 degree opposed relationship during a molding operation.

19. (Cancelled)

20. (Currently amended) The method defined in claim ~~19~~ 33, further comprising[[:]]

a) utilizing a first control valve to cause said door platen to swing into a closed position facing said movable platen.

21. (Currently amended) The method of claim 20, further comprising a: a) utilizing a second control valve to cause said movable door platen to be fixed in said fixed position by a plurality of lock pins.

22. (Original) The method of claim 21, further comprising utilizing a third control valve to cause said movable mold platen to advance said movable mold platen into an adjacent relationship with said door platen.

23. (Cancelled).

24. (Currently amended) The method of claim ~~22~~ 10, wherein said sheet of material is a sheet of glass ~~with~~ having a ceramic enamel band thereon.

25-27. (Cancelled).

28. (Currently amended) The method of claim ~~27~~ 33, further comprising:

- a) utilizing a first powered actuator to allow substantially reciprocal movement of the said movable platen in relation to a fixed, stationary position of said fixable door platen;
- b) utilizing a second powered actuator to rotatably open and close said fixable door platen, said first mold portion and said second mold portion being in intimate contact when said door platen is said fixed, stationary, position, and said movable platen is in an adjacent position to said stationary position of said door platen,
- c) utilizing a mold base that is disposed on said first mold portion; and
- d) encapsulating a part that is disposed on said mold base when a moldable material is introduced into said mold cavity.

29. (Cancelled).

30. (Currently amended) The method of claim 4 33, wherein a mold or molds are contained in the space defined by the retracted position of said movable mold platen and the closed position of said door platen.

31. (Cancelled)

32. (Cancelled)

33. (New) A method of molding wherein the molding apparatus is easily transported from one location to another, comprising:

- providing a frame member;
- attaching a movable mold platen having a mold base to said frame member, said movable mold platen being capable of substantially reciprocal movement between an advanced and retracted position relative to a fixable door platen in a closed position, said fixable door platen being hingedly mounted to said frame member and fixable via substantially rotating movement in a fixed relationship relative to said movable platen when said movable platen is in an advanced position;
- connecting a first powered actuator to said movable platen to provide a primary means for said substantially reciprocal movement;
- attaching a first portion of a mold to said movable mold platen;
- connecting a second powered actuator to said door platen to provide a primary means for said substantially rotating movement;
- attaching a second portion of a mold to said fixable door platen;
- providing means to control the primary means for moving said movable mold platen and said fixable door platen; and
- mounting at least one vacuum head to said mold base of said movable mold platen wherein upon applying a vacuum to said vacuum head, said vacuum head is capable of holding a substrate in position on said mold base;
- wherein during normal operation of the molding apparatus, direct access to said substrate on said movable mold portion is gained through a door opening that is

Application No. 10/666,151
Reply to Office Action of September 24, 2004
Attorney Docket No. 1-16232

defined in said frame member when said fixable door platen is in the open position, and
wherein said compact molding apparatus is movable from place to place, as needed.